Strain: 18537
Classification: Paramyxoviridae, Pneumovirus
Depositor: RM Chanock, J Crowe, National Institute of Allergy and Infectious Diseases; ATCC®

Refer to the Certificate of Analysis for batch-specific test results.

Propagation

Effect on Host:
CPE, massive syncytia formation and sloughing

Medium:
EMEM (ATCC® 30-2003™) + 2% FBS (ATCC® 30-2020™)

Growth Conditions

Temperature: 37°C

Recommendations for Infection: Plate cells 24-48 hours prior to infection and infect when cultures are 70-90% confluent. Remove medium and inoculate with a small volume of virus (e.g. 1 mL per 25 cm²) diluted to provide an optimal MOI (e.g. 0.1). Adsorb 1-2 hours at 37°C in a humidified 5% CO₂ atmosphere, rocking every 20-30 minutes to redistribute inoculum. End adsorption by adding virus growth medium.

Incubation: 3-7 days

VR-1580™ was prepared at ATCC® by treating VR-1401™ with Mycoplasma Removal Agent (MRA, MP Biomedicals catalog # 3050044) and verified that mycoplasma could no longer be detected in the progeny virus.

References

References and other information relating to this product are available online at www.atcc.org.

Key Abbreviations

°C, degrees Celsius
CPE, cytopathic effect
CO₂ (CO2), carbon dioxide
EMEM, Eagle's Minimum Essential Medium
FBS, fetal bovine serum

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the Biosafety in Microbiological and Biomedical Laboratories from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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Additional information on this culture is available on the ATCC web site at www.atcc.org.

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